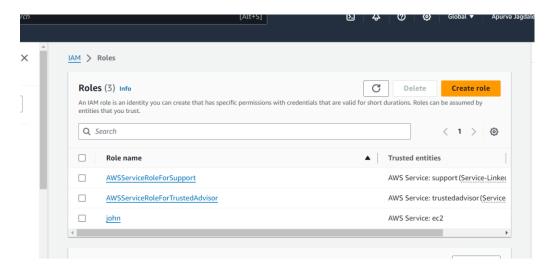
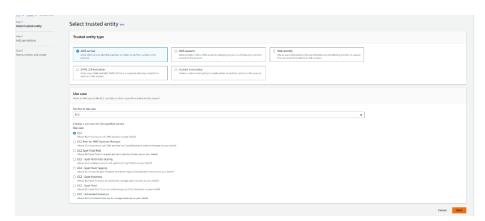
ROLES

TASK I: Create a role in IAM service

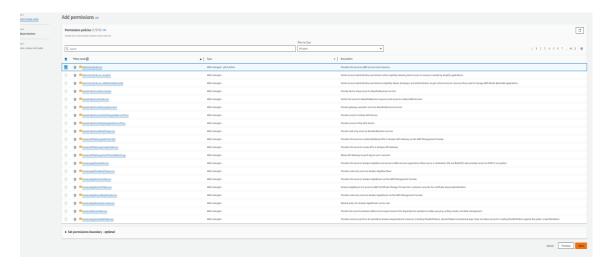
Step I: go to in IAM service then click on Roles then Click to create Role.



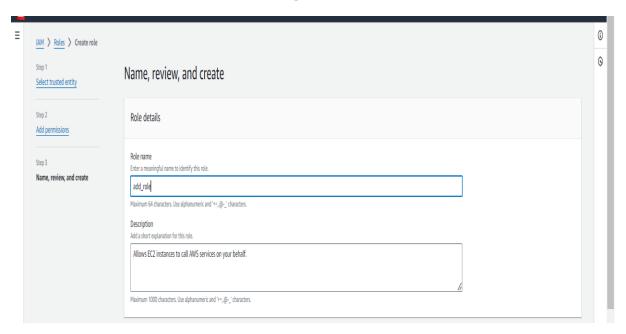
Step II: Select the AWS Service in Trusted Entity Type and also Select the Service or use case then choose the usercase for the Specified Service then click on Next.



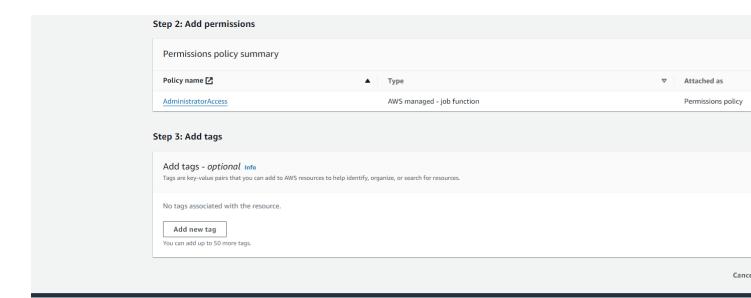
Step III : Add the Permission in Permissions Policies which you want to give and then on Next.



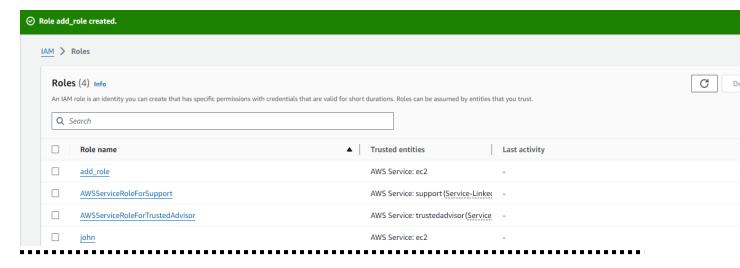
Step IV: Give the Meaningful name to identify this role.



Step V: Select the permission which you want to give any other then click on edit option then Select Permission and add it and then click on the create role tab



Step VI: Now, Role is Created here.



TASK II: DOWNLOAD AND INSTALL AWSCLI PROPERLY AND THEN LOGIN USER ON CLI.

Step I:Download and Install AWS-CLI using above link for Windows.

https://awscli.amazonaws.com/AWSCLIV2.msi

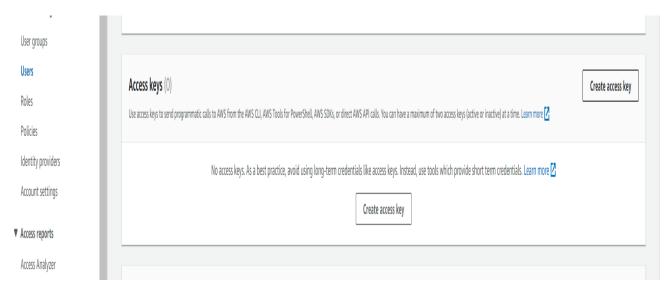
Step II: Open the as a Administrator Command Prompt and then execute the "aws – version" command to check the software is downloaded and Installed Properly.

Step III: If it is Installed properly it will show you AWS-CLI is an Executable Type.

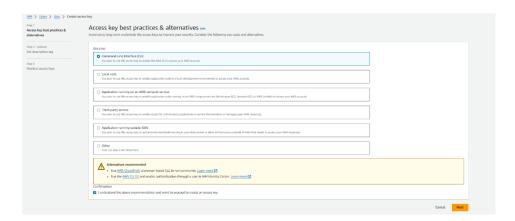
Step IV: Then Execute the Command "aws configure" to configure the user.

Step V: It will Request access key from you .

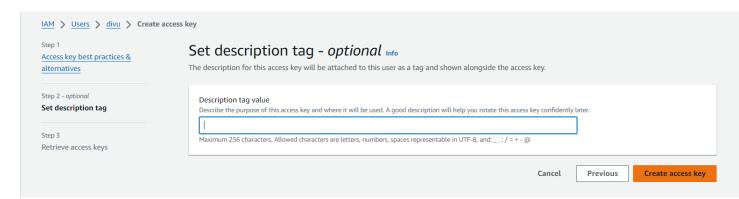
Step VI: then return to your console and go to IAM service, Click on Users, Choose Create Access key



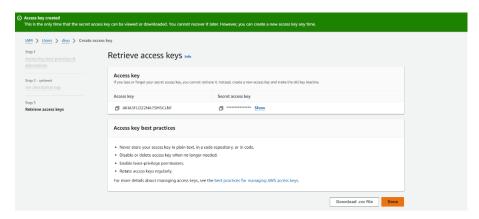
Step VII: In Use case select the Command Line Interface then also click on confirmation and then Next.



Step VIII: if you want to set Description tag then set it otherwise it's Optional and at last click on create key tab.



Step IX: And Here Access Key Created Successfully.



Step X: Copy the Access Key and paste it into the terminal where it says Access Key ID, and then copy the Secret access Key and paste it into the terminal.

Step XI : Specify the default region name and Default Output Format.

Step XII: Then Enter the Command "aws iam getuser" to view the details about the current login user in CLI.

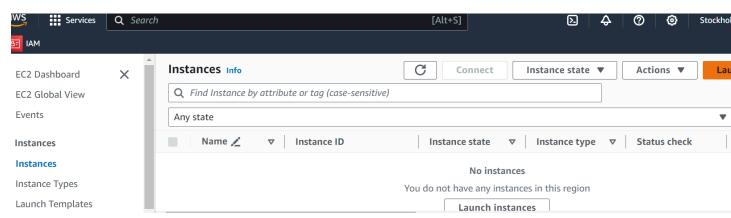
Step XIII: The user is now logged in using CLI with administrator permissions.

The Credential file is saved in C:\Users\lenovo\.aws\credentials

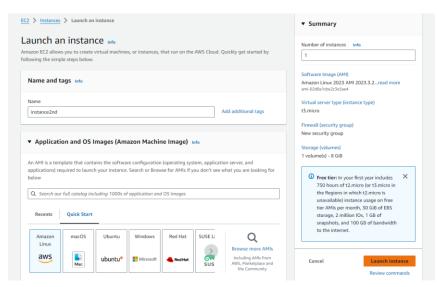
They can control login information. So, the Roles are used for same Purpose.

TASK III: How the user login without credentials using the EC2 instance??

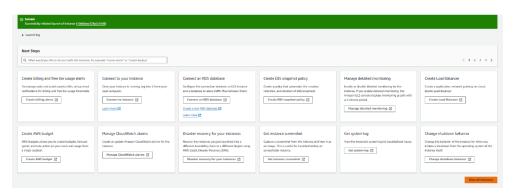
Step I: In Services search the EC2 click on it. In instance, click the Lauch Instance.



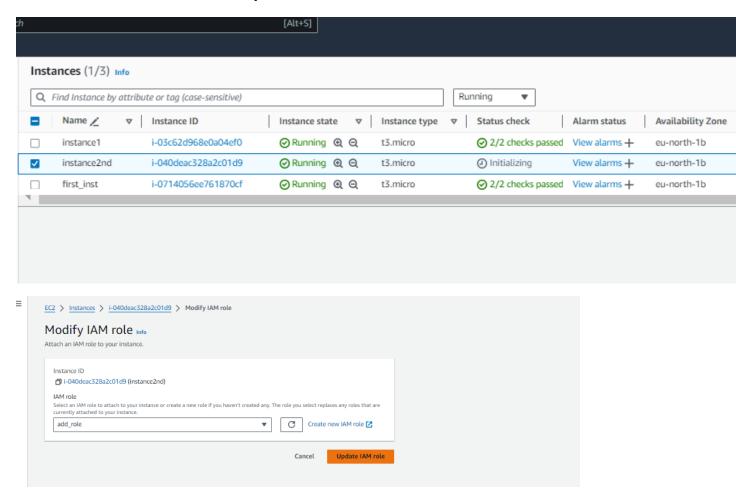
Step II: then give the name for instance and select Application and Os Images. Then launch Instance.



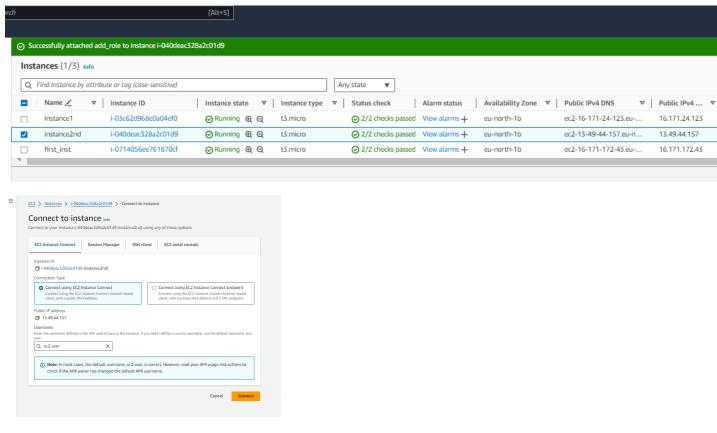
Step III: Click on View all Instances.



Step IV: then Select the Instance, In Actions select Security and in Security Select Modify IAM role and select the role and Update it.



Step V: Click to Connect Button and Select the Connection Type and then Connect it.



Step VI: After Establishing connection it is Connected. now, there won't be file with Credentials to see this, execute the ls -a command here. we can give all administrators command because we give the permission here to role is Administrator full access.

